

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 October 2003 (30.10.2003)

PCT

(10) International Publication Number
WO 03/090269 A1

(51) International Patent Classification⁷: **H01L 21/3065**

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(21) International Application Number: PCT/KR02/01868

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(22) International Filing Date: 7 October 2002 (07.10.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2002/21538 19 April 2002 (19.04.2002) KR

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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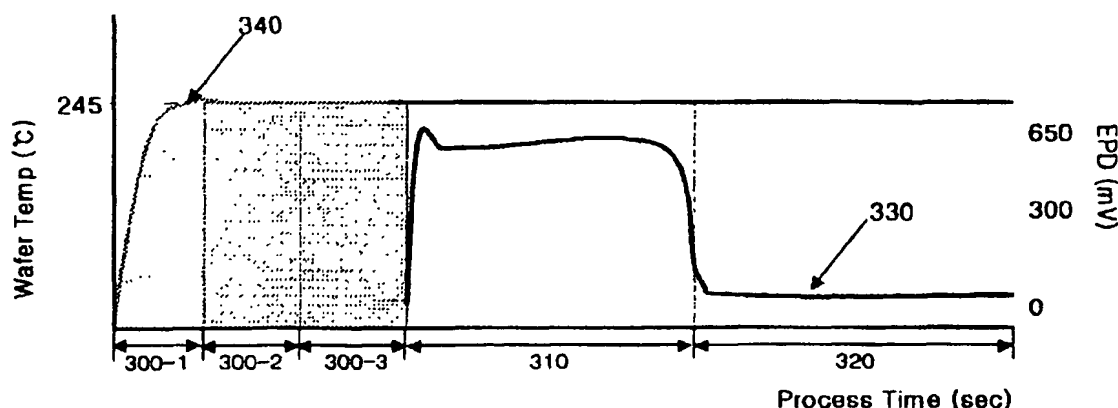
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Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR ASHING



(57) Abstract: The present invention provides an ashing method using rapid heat transfer under high pressure. The present method, applicable to all photoresist ashing processes, can rapidly remove hardened photoresists without popping at the ashing step by baking high dose ion implanted silicon substrate on a hot plate, enhancing the ashing quantity, by drastically reducing the ashing process time, while allowing conventional equipments to be used further. The present method comprises an in situ baking step, wherein a silicon substrate is baked for a predetermined time period under a pressure of 10 Torr or more while it is placed on a hot plate; a vacuumizing step, wherein a stable vacuum status is achieved while the silicon substrate is placed on the hot plate; a gas processing step, wherein selected reaction gas is introduced into a reaction chamber; and an ashing step, wherein plasma is generated until almost all of the photoresists are removed.